

## ABSTRACT OF THE DISCLOSURE

A novel cutting saw assembly is provided with co-axial spindles each of which supports a cutting saw blade.

- 5 One of the coaxial spindles or spindle shafts is moveable  
in an axial direction relative to each other so as to posi-  
tion two or more cutting saw blades accurately spaced apart  
from each other. The two cutting saw blades are dressed to  
the same diameter and are moveable close together when in  
10 operation so that both saw blades can make complete cuts  
simultaneously on the same wafer, thus increasing the  
throughput of the cutting saw by almost 100 percent.